



#### GENERAL NOTES

1. Contact the City Of Scottsdale Water And Wastewater Operations, Backflow Prevention, 312-5668, for latest list of approved backflow prevention assemblies or certified testers.
2. Backflow preventers must be tested by a certified tester before final approval is issued.
3. Backflow preventers shall be painted light tan or a color to match the building. Do not paint the name plate or any brass parts on the assembly.
4. For backflow preventers requiring guard posts see Detail 2356. Backflow preventers enclosed by screening shall maintain a 24 inch clearance around the assembly.
5. Finished grade underneath the backflow preventer shall be at 95% compaction.
6. Backflow preventers on fire lines may require tamper switches on the shut off valves. Contact City Of Scottsdale Plan Review, Fire Dept.
7. Call for underground inspection before backfilling trench.
8. Vertical installations of assemblies on fire sprinkler systems are allowed using assemblies approved for use in the vertical position on fire systems.

#### LIST OF MATERIALS

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|---|--|
| ① Approved double check valve backflow prevention assembly.   | ⑥ 3/4" zinc coated threaded rod, (5/8" rod on 3" to 4" sizes), bolt to flanges as shown, typical both sides.                                 |
| ② Resilient seated gate valve.<br>O.S. & Y. (fire line connection)<br>N.R.S. (non fire line)            | ⑦ Test cocks with brass plugs or adaptors with caps installed. (4 required)  |
| ③ 90° ell. Flanged D.I.P. 3" thru 10", Mega Lug or approved equal may be used on underground joints.    | ⑧ Adjustable metal pipe supports and concrete block supports with 1" adjusting rod and nut on assemblies 4" and larger. Install above grade. |
| ④ Pipe spool. Flanged D.I.P. 3" thru 10", Mega Lug or approved equal may be used on underground joints. |  |
| ⑤ Flanged adapter (when required)   |  |

DETAIL NO.  
**2351**

**City of Scottsdale**  
**Standard Details**

APPROVED BY: \_\_\_\_\_

**DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY**  
**FOR ASSEMBLIES 3 INCHES THRU 10 INCHES**

DETAIL NO.  
**2351**